

## Introduction

A degree such as BA or BS listed under the institutional abbreviation indicates the university offers a baccalaureate degree in the program. You can begin the program by completing the transfer framework at any college or university for which courses are listed. For additional information, consult your academic advisor and institutional catalogs. Courses listed for the Community College System may not be offered at every location. Contact the college you plan to attend regarding availability of specific courses.

EKU	KSU	MOSU	MUSU	NKU	UK	UL	WKU	UKCCS
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BS

## General Education Transfer Component - 48 hours

Complete the General Education Transfer Component according to the general education requirements for this major at the sending institution, unless specific courses are listed below. General Education courses may also count toward the major, or a minor, or a second major.

Written Communications - 6 hrs								
Oral Communication - 3 hrs								
Humanities - 6 hrs								
Behavioral/Social Sciences - 9 hrs								
Mathematics (Minimum College Algebra) - 3 hrs								
Natural Sciences - 6 hrs								
Other General Education Requirements - 15 hrs								

## Specialty Transfer Component - 12 hours

All of the requirements of the Specialty Component blocks must be fulfilled, even when the blocks total more than 12 hours. At most institutions, the additional hours will be used for part of the General Education requirements.

Physics - 4-5 hrs	PHY 131*	PHY 111*		PHY 120* or (235* <sup>^</sup> & 236)	PHY 211*	PHY 211*		PHYS 201* & 207*	PHY 211* or (PHY 152* & PH 161*)
Chemistry - 3-5 hrs	CHE 101* or 111*	CHE 101*		CHE 105* or 121*	CHE (120* & 120L*) or 110	CHE 105*		CHEM 120* & 121*	CHE 105* & CHM 105*
Manufacturing Processes/Materials - 3 hrs	MFG 138	INT 213		MET 293	IET 116	ME 151		IT 327	MFG 145
Computer Technology - 3 hrs	CSC 177*	COS 101		CSC 135	CSC 130	CS 221		CS 230*	CS 221*
Introduction to CAD - 3 hrs	MFG 195 <sup>^</sup>	INT 208		ITE 104	IET 212	CE 106		IT 205	CAD 100
Precalculus or Calculus I - 3 hrs	MAT 109* or (107* & 108) or 124* or 261*	MAT 120 or 201*		MAT 150* or 130* or (140* & 145*) or 250* or 230*	MAT 119* or 118* or 120* or (121* & 122*)	MA 110* or (109* & 112) or 113*		MATH 118* or (116* & 117) or 126*	MA 110* or (MA 109* & MA 112*) or MA 113* or MAH 144*
Technical Writing - 3 hrs	ENG 300	ENG 216		ENG 324	ENG 347 or OST 311	ENG 204		ENG 307	ENG 204

\* Course meets general education requirements. Applicability of the course to specific general education requirements may vary depending on program requirements and institutional policies.

<sup>^</sup> Course has a prerequisite not included in the framework.